

# Appendix C

## Adapted Species for Forage Suitability Groups

### MLRA 47 10-14" PRECIPITATION

		Clayey (AWC > 6") FSG # 001		Clayey-Saline (AWC > 6") (EC 8 - 16 mmhos/cm) FSG # 009		Deep Sub- Irrigated, Loamy FSG # 013		Loamy (AWC > 6") FSG # 017		Loamy, dry (AWC 3-6") FSG # 019		Loamy, Limy FSG # 022		Loamy, Mod. Saline (AWC >6") (EC 4 - 8 mmhos/cm) FSG # 023	
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Blank = Not Suited															
F = Fair															
G = Good															
COOL SEASON GRASSES															
Bluegrass	big	F				G		G		G		F		F	F
Bluegrass	Kentucky					F		F		F		F			
Bromegrass	meadow		G				G		G		G		G		
Bromegrass	mountain														
Bromegrass	smooth		G				G		G		G		G		
Fescue	Sheep	G		G		G		G				F		F	
Fescue	tall		F		F		G		G		G		G		G
Foxtail	creeping		G		F		G		G		G		G		G
Foxtail	meadow		G		F		G		G		G		G		G
Galleta															
Needle and Thread						G		G		G		F			
Needlegrass	green	G				G		G		F		F			
Nuttall	alkaligrass														
Orchard grass		F	G					F	G	F	G	F	G		
* Adapted to certain sites		If there is adequate snow cover over winter that will provide protection.													

# Appendix C

## Adapted Species for Forage Suitability Groups

### MLRA 47 10-14" PRECIPITATION

		Sandy, dry (AWC 3-6") FSG # 026		Sub-Irrigated, Limy FSG # 030		Subirrigated, Loamy/Sandy FSG # 031		Wet FSG # 034					
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Blank = Not Suited													
F = Fair													
G = Good													
<b>COOL SEASON GRASSES</b>													
Bluegrass	big			F		G							
Bluegrass	Kentucky			F		F	G						
Bromegrass	meadow				G	F	G						
Bromegrass	mountain												
Bromegrass	smooth				G	F	G						
Fescue	Sheep			G									
Fescue	tall		G		G	F	G	F					
Foxtail	creeping		G		G	F	G	G					
Foxtail	meadow		G		G	F	G	G					
Galleta		G											
Needle and Thread		G		F		G							
Needlegrass	green	F		F		F							
Nuttall	alkaligrass							F					
Orchard grass			G			F	G						
* Adapted to certain sites		If there is adequate snow cover over winter that will provide protection.											

# Appendix C

## Adapted Species for Forage Suitability Groups

### MLRA 47 10-14" PRECIPITATION

		Clayey (AWC > 6") FSG # 001		Clayey-Saline (AWC > 6") (EC 8 - 16 mmhos/cm) FSG # 009		Deep Sub- Irrigated, Loamy FSG # 013		Loamy (AWC > 6") FSG # 017		Loamy, dry (AWC 3-6") FSG # 019		Loamy, Limy FSG # 022		Loamy, Mod. Saline (AWC >6") (EC 4 - 8 mmhos/cm) FSG # 023	
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Blank = Not Suited															
F = Fair															
G = Good															
Prairie	junegrass	G				F		F		F		F			
Prairie cordgrass															G
Prairie sandreed						F		F		F		F			
Reed canarygrass			G		F		G		G		G		G		
Ryegrass	perennial		G		G		G		G		G		G		
Timothy			G		F		G		G		G		G	F	F
Wheatgrass	beardless	F				G		G		F		F		G	G
Wheatgrass	bluebunch	F				G		G		F		F		G	G
Wheatgrass	crested	G				G		G		G		F		G	
Wheatgrass	Hybrid (quack x bluebunch)	G		G	F	G	G	G	G	F	G	F	G	G	G
Wheatgrass	Intermediate		G		G	F	G	F	G		G	F	G	G	G
Wheatgrass	Pubescent	F	G		G	F	G	F	G	F	G	F	G	G	G
Wheatgrass	Siberian	F				G		G		F		F		F	
Wheatgrass	Slender	G	G	G	G	G	G	G	G	F	G	F	G	G	G
Wheatgrass	Standard crested	G				G		G		F		F		F	

# Appendix C

## Adapted Species for Forage Suitability Groups

### MLRA 47 10-14" PRECIPITATION

		Sandy, dry (AWC 3-6") FSG # 026		Sub-Irrigated, Limy FSG # 030		Subirrigated, Loamy/Sandy FSG # 031		Wet FSG # 034					
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Blank = Not Suited													
F = Fair													
G = Good													
Prairie	junegrass	F		F		F							
Prairie cordgrass													
Prairie sandreed		G		G		F							
Reed canarygrass			G		G	F	G						
Ryegrass	perennial		G		G	F	G	F					
Timothy			F		G	F	G	G					
Wheatgrass	beardless	G		G		F							
Wheatgrass	bluebunch	G		G		F							
Wheatgrass	crested	G		F		G							
Wheatgrass	Hybrid (quack x bluebunch)		G	F	G	F	G	F					
Wheatgrass	Intermediate		G	F	G	F	G						
Wheatgrass	Pubescent	F	G	F	G	F	G						
Wheatgrass	Siberian	F		F		F							
Wheatgrass	Slender	F	G	F	G	F	G						
Wheatgrass	Standard crested	F		F		F							

# Appendix C

## Adapted Species for Forage Suitability Groups

### MLRA 47 10-14" PRECIPITATION

		Clayey (AWC > 6") FSG # 001		Clayey-Saline (AWC > 6") (EC 8 - 16 mmhos/cm) FSG # 009		Deep Sub- Irrigated, Loamy FSG # 013		Loamy (AWC > 6") FSG # 017		Loamy, dry (AWC 3-6") FSG # 019		Loamy, Limy FSG # 022		Loamy, Mod. Saline (AWC >6") (EC 4 - 8 mmhos/cm) FSG # 023	
		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
<b>KEY to Adaptation</b>															
Blank = Not Suited															
F = Fair															
G = Good															
Wheatgrass	Standard x fairway	G				G		G		F		F		G	
Wheatgrass	Streambank	G				G		G		G		F		G	G
Wheatgrass	tall	F	G	F	G	F	G	F	G	F	G	F	G	G	G
Wheatgrass	thickspike	F								G				G	
Wheatgrass	western	G	G	F		G		G		F		F	G	G	
Wildrye	altai		G		G		G		G		G		G		G
Wildrye	basin	G	G		G	G	G	G	G	F	G	F	G	G	
Wildrye	beardless		G		G		G		G		G		G		G
Wildrye	canada	F				G		G		F		F		G	G
Wildrye	mammoth	F				G		G		F		F		F	F
Wildrye	russian	G				G		G		G		F		G	
<b>WARM SEASON GRASSES</b>															
Alkali sacaton		G		F		G									
Bluestem	big					G									
Bluestem	Little					G						G			
Bluestem	sand														

# Appendix C

## Adapted Species for Forage Suitability Groups

### MLRA 47 10-14" PRECIPITATION

		Sandy, dry (AWC 3-6") FSG # 026		Sub-Irrigated, Limy FSG # 030		Subirrigated, Loamy/Sandy FSG # 031		Wet FSG # 034					
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Blank = Not Suited													
F = Fair													
G = Good													
Wheatgrass	Standard x fairway	F		F		F							
Wheatgrass	Streambank	F		G		G							
Wheatgrass	tall	F	G	G	G	F	G	F					
Wheatgrass	thickspike	G				G							
Wheatgrass	western			F		F							
Wildrye	altai		G		G	F	G	F					
Wildrye	basin	F	F	F	G	F	G						
Wildrye	beardless		G		G	F	G	F					
Wildrye	canada	G		F		F							
Wildrye	mammoth	G		F		F							
Wildrye	russian	F		F		G							
WARM SEASON GRASSES													
Alkali sacaton								F					
Bluestem	big												
Bluestem	Little												
Bluestem	sand												

# Appendix C

## Adapted Species for Forage Suitability Groups

### MLRA 47 10-14" PRECIPITATION

		Clayey (AWC > 6") FSG # 001		Clayey-Saline (AWC > 6") (EC 8 - 16 mmhos/cm) FSG # 009		Deep Sub- Irrigated, Loamy FSG # 013		Loamy (AWC > 6") FSG # 017		Loamy, dry (AWC 3-6") FSG # 019		Loamy, Limy FSG # 022		Loamy, Mod. Saline (AWC >6") (EC 4 - 8 mmhos/cm) FSG # 023	
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Blank = Not Suited															
F = Fair															
G = Good															
Buffalograss															
Indian	ricegrass					G									
Indiangrass															
Sideoats	grama														
Squiretail	bottlebrush														
Switchgrass						G						F	F		
<b>INTRODUCED LEGUMES</b>															
Alfalfa			G			F	G	F	G		G	F	G	F	F
Birdsfoot trefoil			G				G		G		G		G	F	
Clover	alsike		G				G		G		G		G		
Clover	ladino		G				G		G		G		G		
Clover	red		G				G		G		G		G		
Clover	strawberry		G				G		G		G		G	G	G
Clover	white		G				G		G		G		G	F	
Milkvetch	cicer		G			F	G	F	G	F	G	F	G	G	
Sainfoin			G			G	G	G	G	F	G	F	G	F	

# Appendix C

## Adapted Species for Forage Suitability Groups

### MLRA 47 10-14" PRECIPITATION

		Sandy, dry (AWC 3-6") FSG # 026		Sub-Irrigated, Limy FSG # 030		Subirrigated, Loamy/Sandy FSG # 031		Wet FSG # 034							
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Blank = Not Suited															
F = Fair															
G = Good															
Buffalograss															
Indian	ricegrass														
Indiangrass															
Sideoats	grama														
Squiretail	bottlebrush														
Switchgrass															
<b>INTRODUCED LEGUMES</b>															
Alfalfa			G	G	G	F	G								
Birdsfoot trefoil			G		G	F	G								
Clover	alsike		G		G	F	G								
Clover	ladino		G		G	F	G								
Clover	red		G		G	F	G	F							
Clover	strawberry		G		G	F	G								
Clover	white		G		G	F	G								
Milkvetch	cicer		G	F	G	F	G								
Sainfoin			G	F	G	F	G								

# Appendix C

## Adapted Species for Forage Suitability Groups

### MLRA 47 10-14" PRECIPITATION

		Clayey (AWC > 6") FSG # 001		Clayey-Saline (AWC > 6") (EC 8 - 16 mmhos/cm) FSG # 009		Deep Sub- Irrigated, Loamy FSG # 013		Loamy (AWC > 6") FSG # 017		Loamy, dry (AWC 3-6") FSG # 019		Loamy, Limy FSG # 022		Loamy, Mod. Saline (AWC >6") (EC 4 - 8 mmhos/cm) FSG # 023	
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Blank = Not Suited															
F = Fair															
G = Good															
Sweetclover	white		G			G	G	G	G	F	G	F	G	G	
Sweetclover	yellow		G			G	G	G	G	F	G	F	G	G	
<b>OTHER PERENNIAL FORBS &amp; SHRUBS</b>															
Small Burnett														F	
Saltbush	Four Wing	G				G		G				F		G	
Saltbush	Gardner	G				G		G				F			

# Appendix C

## Adapted Species for Forage Suitability Groups

### MLRA 47 10-14" PRECIPITATION

		Sandy, dry (AWC 3-6") FSG # 026		Sub-Irrigated, Limy FSG # 030		Subirrigated, Loamy/Sandy FSG # 031		Wet FSG # 034					
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Blank = Not Suited													
F = Fair													
G = Good													
Sweetclover	white		G	G	G	F	G						
Sweetclover	yellow		G	G	G	F	G						
<b>OTHER PERENNIAL FORBS &amp; SHRUBS</b>													
Small Burnett													
Saltbush	Four Wing	G		F									
Saltbush	Gardner	G		F									